



## Media Advisory



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### **TARDEC Looking for Experts, Submissions to Reduce Oil Dependence**

DETROIT ARSENAL, WARREN, MI — Subject-matter experts (SMEs) and technology submissions are still being accepted for the Fuel Efficient Ground Vehicle Demonstrator (FED) Program, even though registration for Industry Day is closed.

The U.S. Army Tank Automotive Research, Development and Engineering Center's (TARDEC's) FED Program will hold its much anticipated Industry Day Sept. 30, 2008, at Automation Alley, in Troy, MI. Résumé submission for SMEs is open until Oct. 10, 2008, and technology submission is open until Oct. 17.

Industry Day provides additional information to participants about the Secretary of Defense-initiated program to improve military vehicle fuel consumption. However, attending Industry Day is not required to participate in FED. SMEs can submit technology proposals through a Web portal and then meet to brainstorm and evaluate the submissions.

FED objectives are:

- Reduce fuel consumption while maintaining performance
- Pursue high-payoff technologies
- Seek innovative solutions from non-traditional sources
- Leverage modeling and simulation capabilities to predict performance, set objectives and establish test criteria
- Demonstrate achievement of fuel efficiency in hardware with an advanced, fuel-efficient, lightweight tactical vehicle demonstrator
- Quantify cost impacts

FED organizers plan on using a highly successful but unique approach that brought about many improvements last year to High Mobility Multipurpose Wheeled Vehicles (HMMWVs). The "Monster Garage" approach, based on the popular Discovery Channel™ television show, allowed this team to deliver a package of upgrades with components that integrated with and significantly enhanced the HMMWV's protection, performance and payload capabilities.

FED organizers will post Industry Day briefings on their Web site at, <http://www.peogcs.army.mil/FED/default.aspx> by Oct. 1, 2008. Anyone interested in participating is encouraged to explore the site.



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**Note: There is one piece of graphic art available use with this release. To download, go to <http://www.tardec.info/pressreleases/>.**

**TARDEC-PR-0825\_2\_FED**  
FED Program graphic art

**News media or members of the trade press: If you would like to cover this event, please [call](#) (586) 907-8676.**

*TARDEC is the Nation's laboratory for advanced military ground systems and automotive technology. A leading technology integrator for the U.S. Army Materiel Command's Research Development and Engineering Command (RDECOM), TARDEC is headquartered at the Detroit Arsenal in Warren, MI, located in the heart of the world's automotive capitol. TARDEC is a major element of RDECOM and partner in the TACOM Life Cycle Management Command. As a full life-cycle engineering support provider-of-first-choice for all DOD ground combat and combat support weapons and vehicle systems, TARDEC develops and integrates the right technology solutions to improve Current Force effectiveness and provide superior capabilities for the Future Force. TARDEC's technical staff leads research in ground vehicle survivability; mobility/power and energy; robotics and intelligent systems; maneuver support and sustainment; and vehicle electronics and architecture. TARDEC develops and maintains ground vehicles for all U.S. Armed Forces and numerous federal agencies.*

*For additional information about TARDEC's forthcoming developments and other technologies, please contact Mike Roddin at [mike.rodin@us.army.mil](mailto:mike.rodin@us.army.mil).*